

Fig. 1

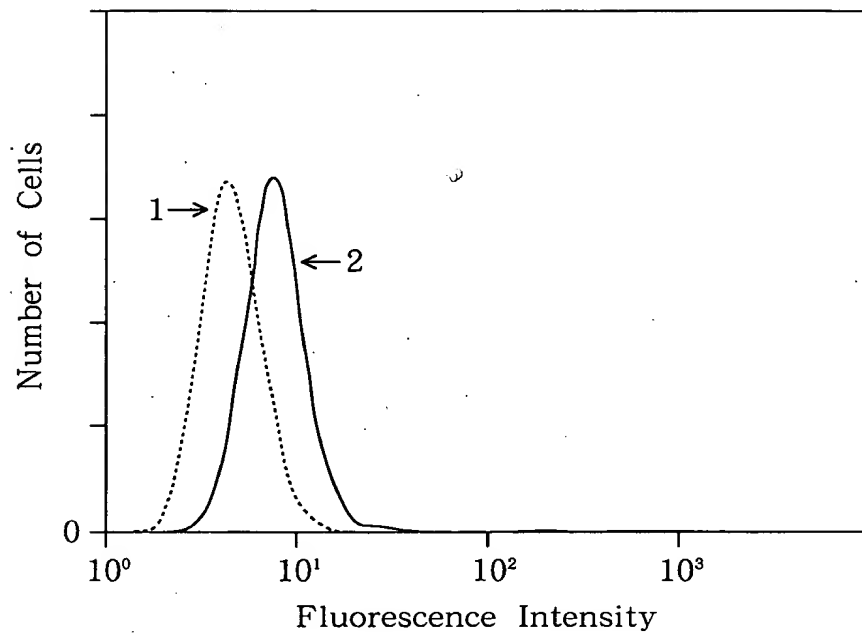
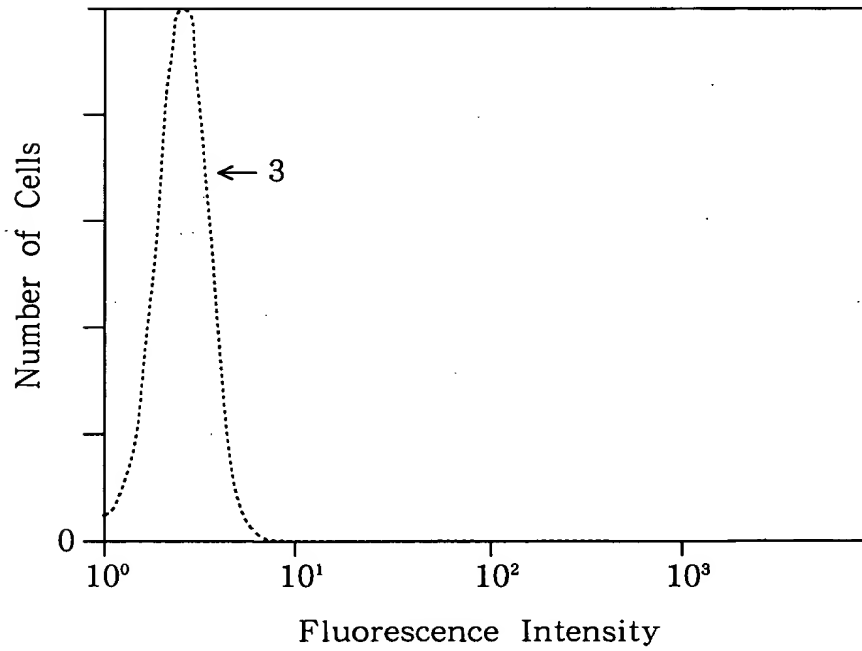


Fig. 2



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Fig. 3

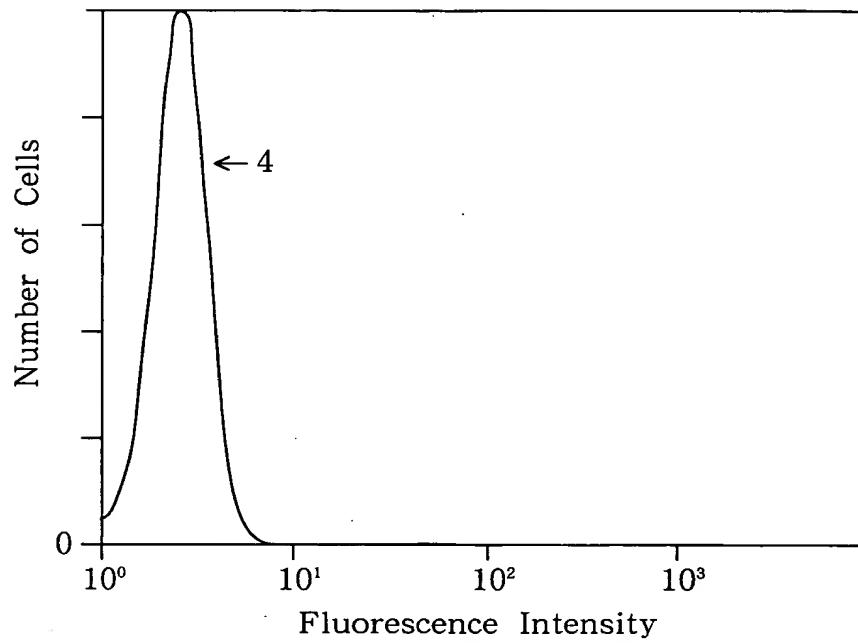
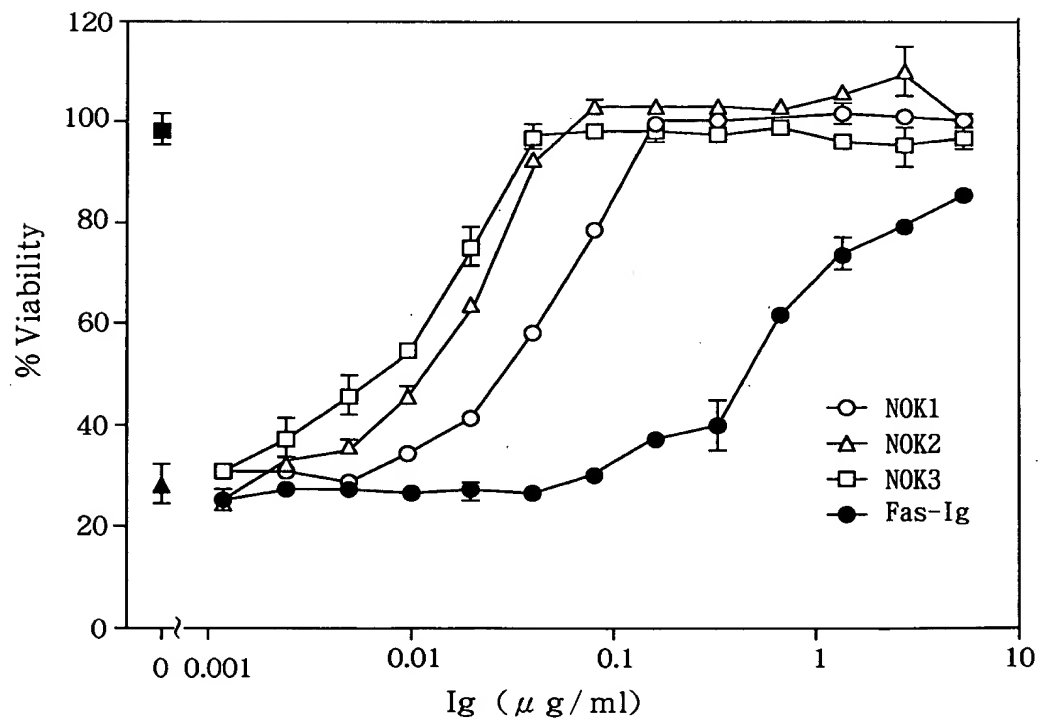


Fig. 4



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Fig. 5

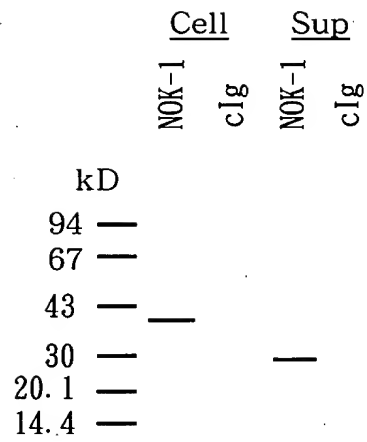
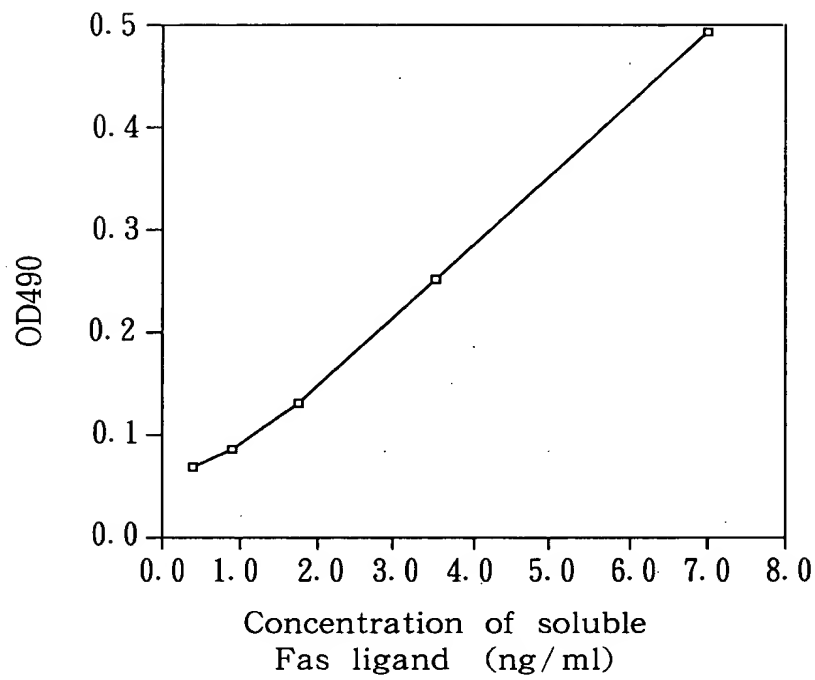


Fig. 6



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Fig. 7

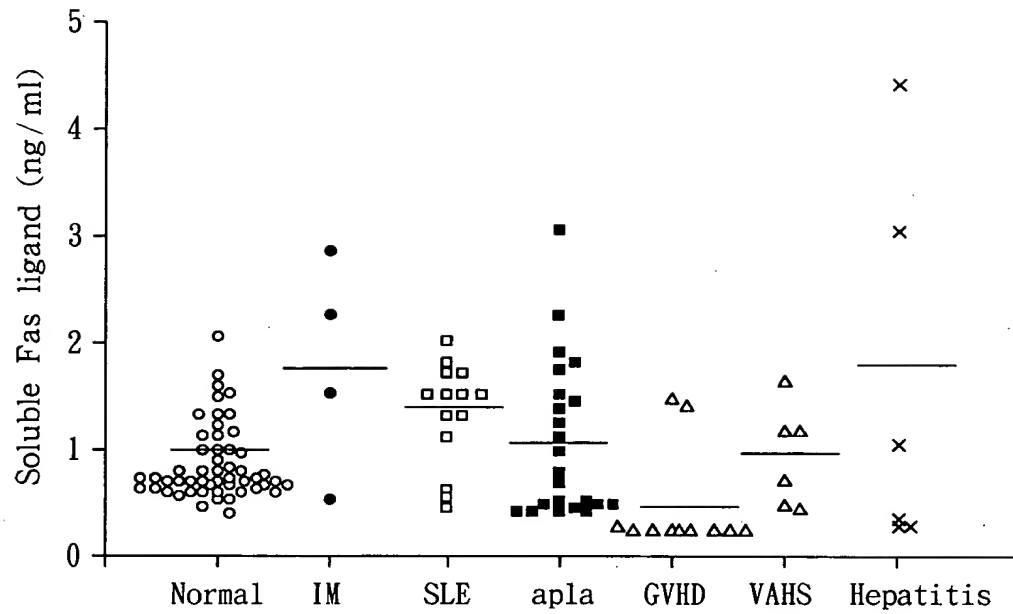
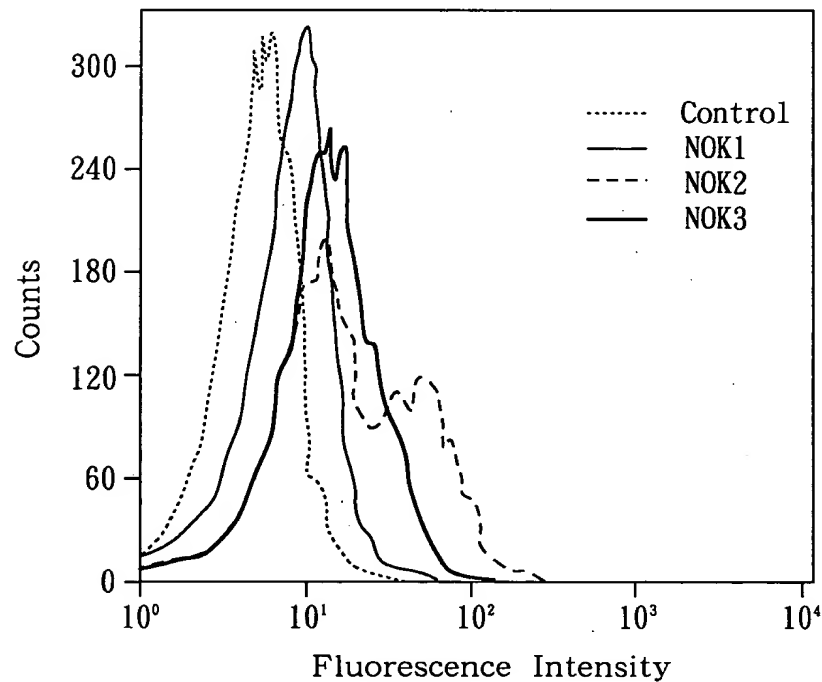
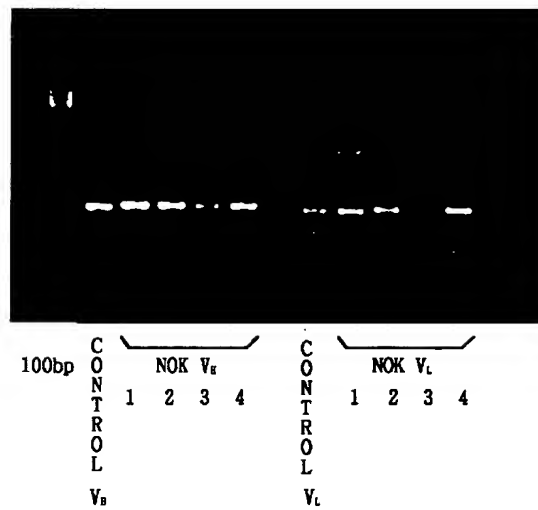


Fig. 8





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Fig. 11

1
0
0
b
pC
O
N
T
R
O
LN
O
K
4
V_H

Fig. 12

1
K
b
pNOK4
V_LNOK5
V_HNOK5
V_L

Fig. 13

			CDR1	CDR2	
NOK1VH . amino	1:	VQLQESGPELVKPGASVKISCKASYAF--SSSWMNWVKQRPKGLEWIGRIYPGDGDTN	58		
NOK2VH . amino	1:	VQLQQSGAELVRPGTSVKMSCKAAGYTF--TNYWIGWVKQRPGHGLEWIGLYPGGTYTN	58		
NOK3VH . amino	1:	VKLQESGPELVKPGASVKISCKASYAF--SSSWMNWVKQRPKGLEWIGRIYPVNGDTN	58		
NOK4VH . amino	1:	VQLQESGPGLVKPSQSLSLTCSVTGYSITSGYYW-NWIRQFPGNKLEWMG-YISYDGSNN	58		
NOK5VH . amino	1:	VQLQESGAEPAKPGASVKMSCKASYTF--TTYWMHWVKQRPQGGLIEWIGIYNPSSGYTE	58		
	* * * *	* * * *	* * * *	*	
			CDR3		
NOK1VH . amino	59:	DNGKF KG KATLTADKSSSTAYMQLSSLTSEDSAVYFCARSYYYDGSPW-FTYWGGTTVT	117		
NOK2VH . amino	59:	YNEKF KG KATLTADTSSSTAYMQLSSLTSEDSAIYYCARYRDYD-YAMDY--WGQGTTVT	115		
NOK3VH . amino	59:	YNGKF KG KATLTADKSSSTAYMQLSSLTSEDSAVYFCA-T---DGY-WYFDVWGQGTTVT	113		
NOK4VH . amino	59:	YNPSLKNRISITRDTSKNQFFLKNSVTTEDTATIYYCA-VYYYDG--SSF DI WGQGTTVT	115		
NOK5VH . amino	59:	YNQKF KD KATLTADKSSSTAYMQLISLTSEDSAVYYCARRGNV--YYFDY--WGQGTTVT	114		
	* *	* * *	* * * * *	* **	*****
NOK1VH . amino	118:	VSS			120
NOK2VH . amino	116:	VSS			118
NOK3VH . amino	114:	VSS			116
NOK4VH . amino	116:	VSS			118
NOK5VH . amino	115:	VSS			117

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Fig. 14

		CDR1	CDR2	
NOK1VL . amino	1:DIQMTQSPSSLSASLGDRVTISCRASQDISNY-----LNWYQQKPDGTVKLLIYYTSRLH			55
NOK2VL . amino	1:DVLMTQTPLSLPVNIGDQASISCKSTKSLNSDGFTYLGWCLQKPGQSPQLLIYLVSNRF			60
NOK4VL . amino	1:DIVLTQSPASLAVSLRQRATISCRASEGVDSY-GISFMHWYQQKPGQPPKLLIYRASYLK			59
NOK5VL . amino	1:DVLMTQTPKFLPVSAGDRVTMTCKASQS-V---G-NNVAWYQQKPGQSPKLLIYYTSNRY			55
	* * * * *	*	* * * * * * *	
		CDR3		
NOK1VL . amino	56:SGVPSRFSGSGSGTDYSLTISNLEPEDIATYFC-QQYSEFPWFEGGGTKLEIKR			108
NOK2VL . amino	61:SGVPDRFSGSGSGTDFTLKISRVEAEDLGVYYCFQSNY-LPLTFGSGGTKLEIKR			113
NOK4VL . amino	60:SGVPARFSGSGSRTDFTLTIDPVEADDAATYYC-QQNNEDPWFEGGGTKLEIKR			112
NOK5VL . amino	56:TGVPDRFTGSGSGTDFTFTISSVQVEDLAVYFC-QQHYSSPYTFGSGTKLE---			105
	*** ** * * * * * * * * * * * * * * * * *			

Fig. 15

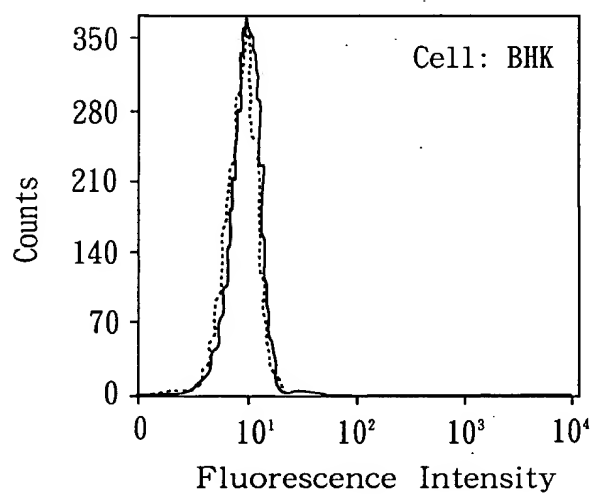
		FR1	CDR1	FR2	CDR2	
NOK1VH. amino	1:QVQLQQSGPELVKPGASVKISCKASGYAFSSSWMNWVKQRPKGLEWIGRIYPGDGDTND					60
NOK2VH. amino	1:QVHLQQSGAELVRPGTSVKMSCKAAGYTFTNYWIGWVKQRPBGHLEWIGYLYPGGLYTNY					60
NOK3VH. amino	1:QVQLQQSGPELVKPGASVKISCKASGYAFSSSWMNWVKQRPKGLEWIGRIYPVNGDTNY					60
		FR3	CDR3	FR4		
NOK1VH. amino	61:NGKFKGKATLTADKSSSTAYMQLSSLTSEDSAVYFCARSYYYDGPW-FTYWGQGLTVTVSA					121
NOK2VH. amino	61:NEKFKGKATLTADTSSSTAYMQLSSLTSEDSAIYYCARYRDYD-YAMDY--WGQGTSTVTVSS					119
NOK3VH. amino	61:NGKFKGKATLTADKSSSTAYMQLSSLTSEDSAVYFCA-T---DGY-WYFDVWGAGTTVTVSS					117

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Fig. 16

	FR1	CDR1	FR2	CDR2	
NOK1VL. amino	1:DIQMTQTSSLSASLGDRVTISCRASQDISNY-----LNWYQQKPDGTVKLLIYYTSRLHS				56
NOK2VL. amino	1:DVVLTQTPLSLPVNIGDQASISCKSTKSLNSDGFTYLGWCLQKPGQSPQLLIYLVSNRFS				61
NOK3VL. amino	1:NIVMTQSPKSMMSVGERVTLSCASENVDIY-----VSWYQQKPEQSPKLLIYGTSNRYT				56
	FR3	CDR3	FR4		
NOK1VL. amino	57:GVPSRFSGSGSGTDYSLTISNLEPEDIAITYFCQQYSEFPWTFGGGTKLEIKR				108
NOK2VL. amino	62:GVPDRFSGSGSGTDFTLKISRVEAEDLGVYYCFQSNYLPITFGSGTKLEIKR				113
NOK3VL. amino	57:GVPDRFTGSGSATDFTLTISNVQAEDLSDYYCVQSYSPWTFGGGTKLEIKR				108

Fig. 17



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Fig. 18

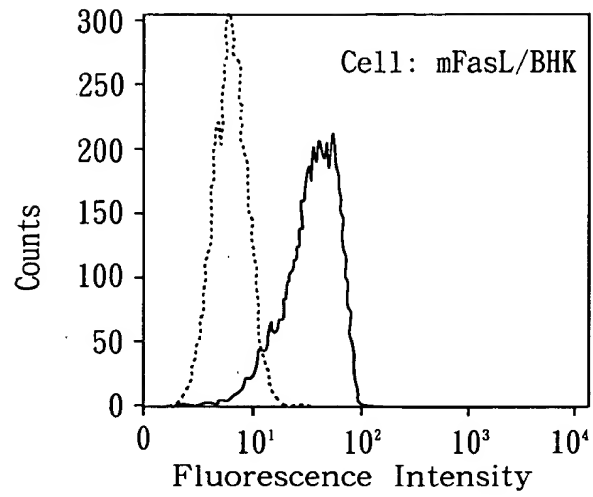
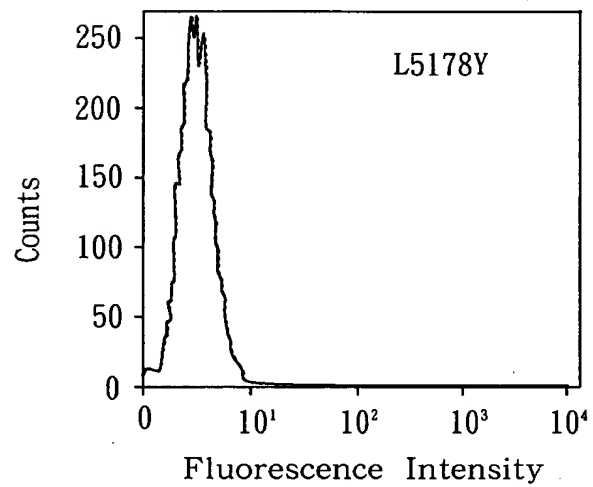


Fig. 19



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Fig. 20

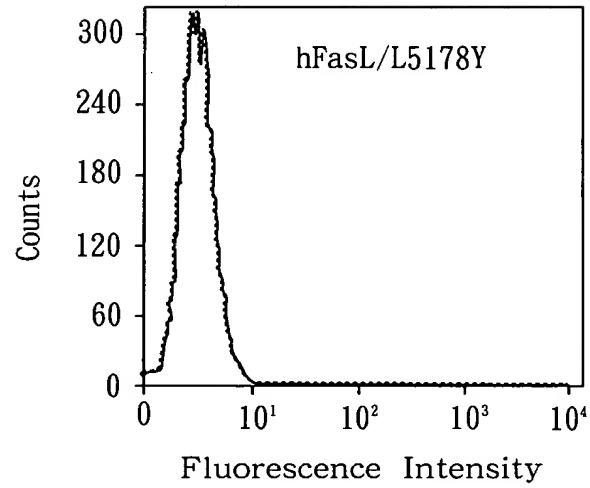
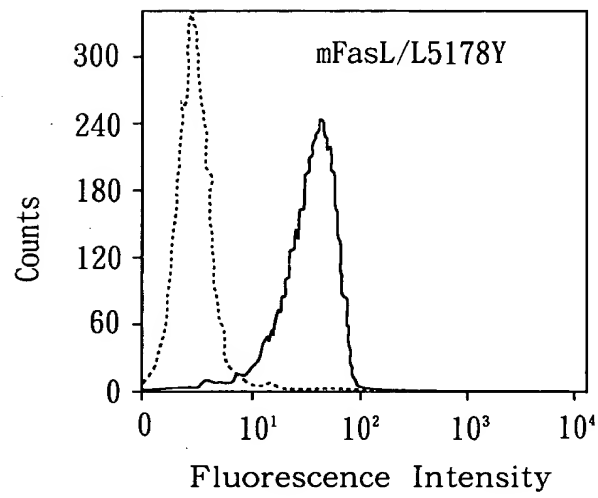


Fig. 21



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Fig. 22

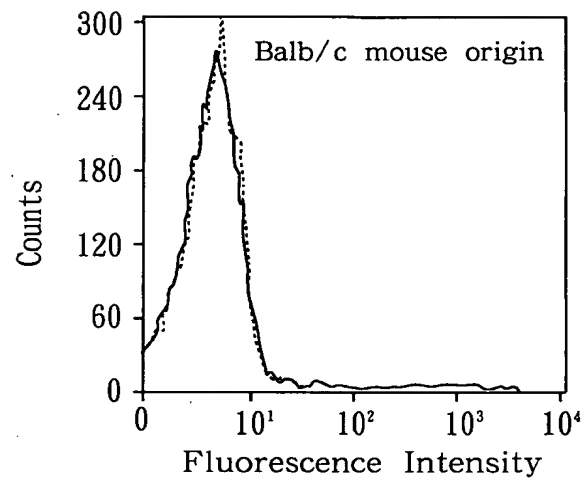
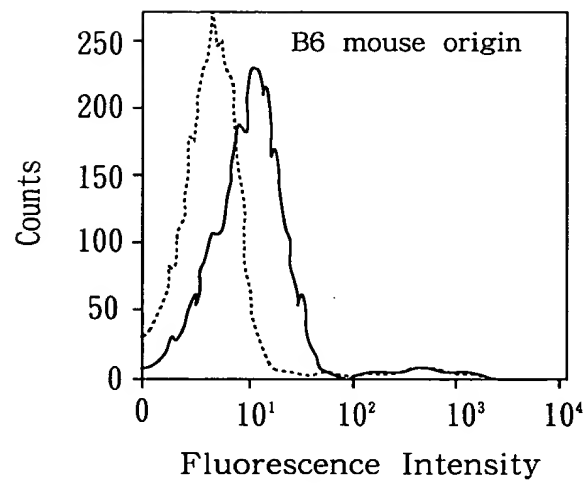


Fig. 23



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Fig. 24

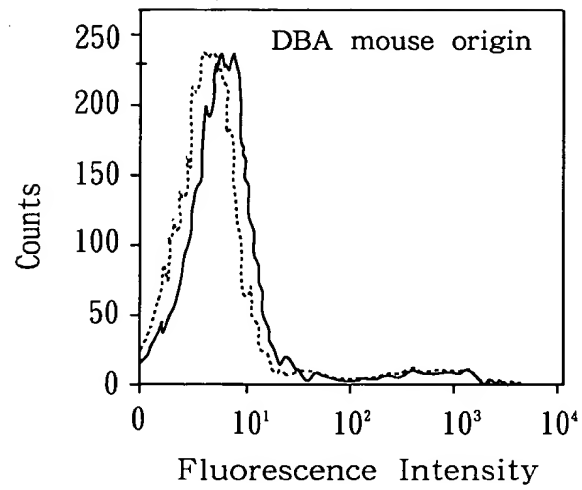
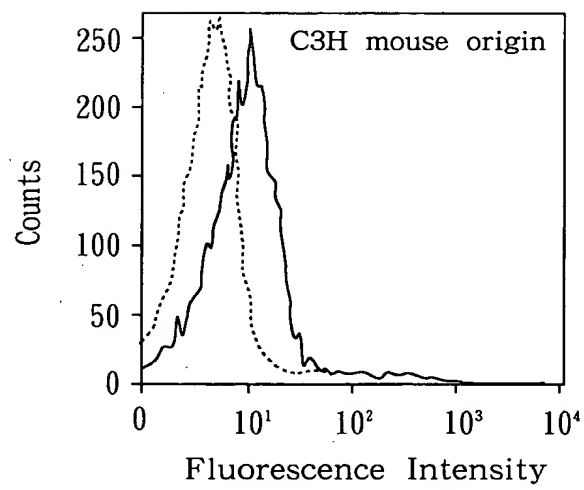


Fig. 25



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Fig. 26

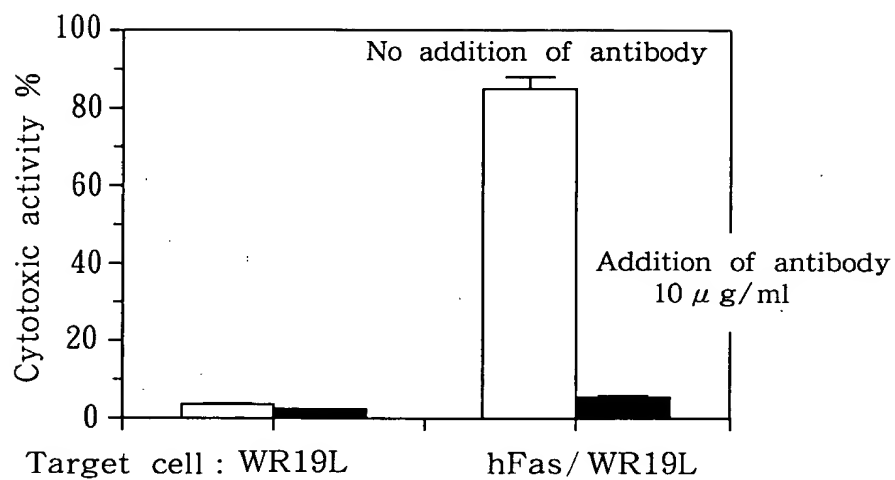


Fig. 27

